

ABSTRACT OF THE DISCLOSURE

A light emitting device and electronic equipment having a long life at a low electric power consumption are provided. A hole transporting region composed of a hole transporting material, an electron transporting region composed of an electron transporting material, and a mixture region in which both the hole transporting material and the electron transporting material are mixed at a fixed ratio are formed within an organic compound film. Regions having a concentration gradient are formed between the mixture region and carrier transporting regions until the fixed ratio is achieved. In addition, by doping a light emitting material into the mixture region, functions of hole transportation, electron transportation, and light emission can be respectively expressed while all of the interfaces existing between layers of a conventional lamination structure are removed. Organic light emitting elements having low electric power consumption and a long life can thus be provided, and light emitting devices and electronic equipment can be manufactured using the organic light emitting elements.